

# **HUNTERS POINT NAVAL SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM MEETING MINUTES**

**September 20, 2012**

These minutes summarize the meeting of the Hunters Point Naval Shipyard (HPNS) Base Realignment and Closure (BRAC) Cleanup Team (BCT) held on September 20, 2012, at CH2M HILL's office in Oakland, California. Participants in the meeting included the BCT, which is made up of representatives from the U.S. Navy (Navy), the U.S. Environmental Protection Agency (USEPA), the California Department of Toxic Substances Control (DTSC), and the San Francisco Bay Regional Water Quality Control Board (Water Board). The City of San Francisco (City), its consultants, the Lennar team of developers, and Navy consultants also attended the meeting. These minutes describe the key points, decisions, and action items agreed to at the meeting. A list of attendees is included as Attachment A. The document review table is included as Attachment B. Action items from the meeting are included as Attachment C.

## **1.0 Navy Business/Action Items (Keith Forman, Navy)**

Keith Forman (Navy) began the meeting with introductions. Tina Low (Water Board), Craig Cooper (USEPA), and Ryan Miya (DTSC) were present to represent the regulatory agencies involved on the project.

Action items from the August meeting include the following:

- Mr. Cooper would like to see the data points where the Navy found low-level cesium detections in the utility corridor investigation along the Gun Mole Pier. *Completed. Chris Yantos (Navy) emailed the results to Mr. Cooper on September 19, 2012.*
- The Navy will submit a letter to the regulatory agencies documenting the new boundary between Parcels E and E-2. *Completed. The letter was sent on August 28, 2012.*

Mr. Forman noted that the Navy is cutting back on its travel budget, and that he and Melanie Kito will not be present at all meetings.

## **2.0 Radiological Update (Keith Forman, Navy)**

The sanitary sewer and storm drain removal began in Parcel C on January 4, 2011, and Phase I is considered complete. The Navy removed 22,907 linear feet of sanitary sewer and storm drain lines from Parcel C, which is about 65 percent of the total Parcel C removal. The Navy has excavated 35,979 cubic yards of materials and restored/repaved all 41 active survey units.

Mr. Forman summarized the Parcel C building surveys. The Navy has received a free release letter from California Department of Public Health (CDPH) for Buildings 203, 214, 241, 271, and 272. The internal draft Final Status Survey (FSS) has been submitted for internal Navy review. A contract for Phase II of the Parcel C work was awarded. The work will include removal of the remaining 14,300 linear feet of sanitary sewer and storm drain lines and a survey of Ship Berths 1 through 5, but surveys of the buildings were not included. The internal draft Archeological Monitoring and Discovery Plan, Execution Plan, Design Plan, and Health and

Safety Plan have been submitted. The agencies will get these documents for review, but these procedures have already been developed and used at HPNS. The Navy will issue these documents as final; however, a cover letter will be provided to the regulatory agencies identifying portions of the report that were revised based on the Phase II scope of work. A new work plan is required because the contractor is responsible for operation of the radiological screening yard 4 and the onsite gamma spectroscopy laboratory, which was previously under a basewide task order.

Curtis and Tompkins have been granted Department of Defense Environmental Laboratory Accreditation Program and State of California accreditation for operating the Tetra Tech EC, Inc. onsite laboratory as a satellite facility. The 186-kilo electron volt method will continue to be used to screen soil samples, and the Curtis and Tompkins laboratory will re-analyze the soil samples after a 21-day in-growth period to generate definitive data that will be used in preparing the FSS and Survey Unit Project Reports (SUPR). TestAmerica St. Louis will continue to be used for other analysis and as a backup for gamma spectroscopy.

The fieldwork at the Parcel E 500 Series is complete. The internal draft FSS for Buildings 503, 507, 508, 517, and 520 is under review. The final FSS for Buildings 500, 509, 510/510A, 521, 529, and 510/510A is being prepared. The Navy is preparing the internal draft FSS for Shacks 79/80 sites and is awaiting results on the waste storage tank pit at Building 506. Fieldwork remains at two survey units in the Building 500 area.

The Parcel E 500 Series sanitary sewer and storm drain removals were completed on June 18, 2012. The Navy has removed 16,119 linear feet of sanitary sewers and storm drains from Parcel E, which is about 40 percent of the total removal area. The Navy has restored 23 of 24 active survey units. The remaining work will include replacing asphalt along the southern side of Building 606, continuing installation of the swales, continuing surveys, sampling, and remediation of active trench units; and complete backfilling and site restoration of the last trench.

At the Building 707 Triangle Area, 21 of 23 survey units have been completed. The Navy completed remediation of the last elevated area in survey unit 22 and is processing systematic samples. They are awaiting the offsite results for the remaining two survey units.

Mr. Forman summarized the Crisp Road/Parcel E sanitary sewer and storm drain removals and building surveys. Mr. Forman said that the Navy has received free release letters from CDPH on Building 414 and Sites 701 and 704. The FSS for Site IR-04 and Building 807 was submitted on February 10, 2012, and CDPH requested confirmation samples that have been provided. The final UC-3 Radiological Remedial Action Completion Report (RACR) was submitted on March 16, 2012, and confirmation samples have been submitted to CDPH. The Navy is awaiting a free release letter for each of these sites. CDPH noted that they are under review and did not have an additional update on their status.

Mr. Forman noted that the Gun Mole Pier work commenced on May 14, 2012. Subsurface vault and manhole sediment sampling along the pier is complete. Removal of the concrete pads and structures and the utility corridors is complete. The Navy continued remediation of two survey units impacted with cesium-137 and is awaiting final re-sampling results. The recollection of the final gamma walkover data has commenced at the site.

Additional fieldwork at the South Pier started in July 2012; subsurface vault sediment sampling is complete and surveys of the concrete walls and utility hoods are complete. The final South Pier Task Specific Plan Addendum was issued to the regulatory agencies and the final gamma walkover was completed.

In Parcel D-1, at Building 383, remediation is complete and confirmation samples meet the release criteria. The Navy is preparing an internal draft FSS report for the area. Submittal of the draft FSS report for Buildings 313, 313A, and 322 sites is planned for September 2012. Regulatory comments on the draft FSS for Building 274 have been received, and the final is planned for October 2012. The sanitary sewer and storm drain removals are complete, and the Navy is preparing the final survey unit reports. The only one remaining is SUPR package 107, which will include four survey units and will likely be submitted in September 2012.

The final Parcel UC-3 RACR was submitted to the regulatory agencies in March 2012, and the Navy is awaiting a free release letter from CDPH.

Jeff Austin (Geosyntec) asked for an update on the status for IR-07/18. Mr. Forman stated that the third revision to the draft Radiological Risk and Dose Modeling for Sites IR-07/18 was well received by CDPH. The document is on the Branch Chief's desk for signature. After acceptance by CDPH, DTSC will meet with the City to plan a path forward for the site, which will include the dose modeling report and other attachments. Mr. Forman noted that he believes that this will be the first license exemption in the State of California, based on information given to him by CDPH. This is one of the reasons why this process has taken as long as it has. Mr. Forman noted that the India Basin Homeowners Association wants to extend a bike trail along Site IR-07/18 once it is transferred to the City. Amy Brownell (City) noted that the City and Navy need to start discussing the long-term operation and maintenance for Sites IR-07/18. Mr. Forman added that the Navy wants to convey Parcels D-2 and 07/18, with a possibility of also conveying UC-1 and UC-2, to the City in fiscal year 2013.

### **3.0 Parcel G Remedial Action Work Plan (Melanie Kito, Navy)**

The final Remedial Design for Parcel G was issued in October 2012 in accordance with the Record of Decision (ROD) previously issued in February 2009. The Navy would like to discuss the durable cover proposed in the remedial design and the follow-on schedule for the site. Remedial soil action components outlined in the remedial design included excavation and offsite disposal for two areas where polycyclic aromatic hydrocarbons (PAH) or lead exceed the remediation goals, and removal of pre-existing soil stockpiles and offsite disposal. Both of these tasks are complete. Installation of the durable cover will include repair of the building foundations and installation of an asphalt cover throughout the site that will incorporate existing concrete structures where possible. Institutional controls will be placed on the site after these remedial actions.

Remedial groundwater action components include treatment of volatile organic compounds (VOC) and metals with zero-valent iron (ZVI) injections, and monitoring of VOCs and metals in groundwater at the site. The ZVI injections are complete and the site is being monitored under the basewide groundwater monitoring program. Institutional controls will be placed on the

groundwater. The Navy also conducted a focused soil vapor survey of soil and groundwater and surveyed all radiologically impacted structures and areas.

The Parcel G durable cover will be applied as physical barriers to cut off potential exposure to metals in soil. The ROD provides flexibility in the durable cover type to be consistent with the redevelopment plan, which allows for repair of existing asphalt and concrete surfaces so they act as durable cover. The remedial design proposes asphalt pavement between existing building foundations. This asphalt pavement will meet the criteria of preventing human exposure to underlying soils, and the remedial design indicates that other cover types may be implemented to meet performance requirements of the ROD.

Parcel G is paved, except in the southeast corner of the parcel. Portions of the asphalt surface were removed for radiological cleanup actions and for removal of hot spot in soil. Because of these removals, the entire surface condition of the Parcel was investigated and categorized as having (1) observed existing surface asphaltic concrete, (2) observed existing asphaltic concrete under road base material, (3) observed existing surface road base/aggregate material, or (4) observed existing surface soil. It was found that imported road base is the predominant surface condition at Parcel G. Types of observed surface conditions included existing asphalt pavement, existing concrete slab, imported road base over asphalt, imported road base over soil, and a swale lined with clean drain rock.

The proposed durable cover components include repair and sealing of existing asphalt pavement, where needed. The Navy will import 4 inches of aggregate base, with 2 inches of asphalt where existing surface and shallow subsurface are identified as soil. The Navy will layer 2 inches of asphalt over imported aggregate base where existing surface and shallow subsurface conditions show a robust layer of existing road base. The building foundations are generally in good condition; where damaged, they will be repaired as needed to prevent contact with underlying soil. Access to buildings and crawl spaces will be secured with locks and wire mesh, respectively. Existing grates maintain separation from soil, so the Navy will cover large openings with welded steel plates. Intact concrete will receive repair where it is needed.

Ms. Kito noted that the current boundary between Parcel E and Parcel G is aligned along the middle of H Street. The edge of the durable cover is currently proposed along the Parcel G boundary line, with proposed pavement angled at the edge to protect from wearing and allow for a potential future seam between the Parcel G and E durable covers. Ms. Kito asked if the Navy should extend the durable cover to the edge of buildings in Parcel E that front H Street, to allow for contiguous durable cover with even pavement along H Street. Ms. Brownell noted that the City has approved the record of survey for Parcel G, and Ms. Kito noted that the Navy will extend the durable cover to this boundary. Ms. Kito noted that most of H Street will be fenced to eliminate heavy truck traffic on the road. The Parcel E durable cover will need to also extend to the boundary line and connect to the durable cover on Parcel G.

As part of additional drainage improvements on Parcel G, the existing swales along the streets that run north to south will be lined with asphalt as part of the durable cover. Swales on Hussey, Cochrane, and Morrell Streets are proposed to discharge to existing channel stub-outs along the southern boundary of Parcel G via proposed 24-inch culverts. Flow from the swale on H Street will be collected by proposed inlet structures and discharged via a 24-inch reinforced concrete

pipe to the existing storm drain manhole at the intersection of H and Manseau Streets. Subsurface culverts are proposed to maintain vehicular access along Manseau Street in the southern portion of Parcel G. The Navy noted that the swales onsite are virtually flat and that water flow, once it enters the swales, will also be relatively slow. Ms. Low asked about the sedimentation within the swales because the Navy is planning on paving the swales. The Navy responded that it expects the sedimentation within the swales to be minimal because the entire parcel is going to be paved and there will be no opportunity for surface soil runoff to enter the swales.

Mr. Austin asked if the Navy has taken into account the 10-, 50-, and 100-year flood cycles with respect to the swales. The Navy responded that it has done some calculations and it appears that the swales are large enough to accommodate these events; however, these swales will likely be removed by the City when redevelopment occurs.

Ms. Low asked what would happen to the surface runoff on Parcel E that abuts the durable cover boundary line between Parcels G and E. The Navy responded that it has not yet completed that part of the engineering design.

The draft Remedial Action Work Plan was submitted on September 14, 2012, and the final is planned for November 2012. The Navy plans on mobilizing for fieldwork in January 2013 and completing field work by May 2013. The draft RACR and post-construction Operation and Maintenance (O&M) Plan is expected in July 2013. The quarterly maintenance O&M reports are expected to be submitted in August and October 2013 and January and April 2014. The final maintenance O&M report will be submitted in May 2014.

#### **4.0 Transfer Schedule Update (Keith Forman, Navy)**

Mr. Forman noted that there have been some minor changes to the Parcel C Remedial Design report because the Navy had a working meeting with the BCT members the previous day. In addition, the submittal date for the final Radiological RACR for Parcel D-1 was pushed back. Mr. Cooper asked that the schedule for 5-Year Review reports be added to the transfer summary schedule. Mr. Forman noted that the Navy does basewide 5-year reviews instead of completing reviews on a parcel-by-parcel basis. The Navy has already done two of these, and the next 5-Year Review report will come out in 2013.

Mr. Forman noted that the Navy is working on the Federal Facility Agreement Schedule, and it will likely come out the week after this meeting.

#### **5.0 Community Involvement Update (Matt Robinson, Community Involvement Manager)**

Mr. Robinson noted that September achievements included presentations to the community group and community events. Events included the California Coastal Cleanup Day, which included locations at Candlestick/Yosemite Slough, India Basin Shoreline, and Heron's Head Park. Mr. Robinson noted that the Navy obtained one additional bus tour sign up and handed out materials to interested community members. The Navy is giving a presentation to the base artists on September 20, 2012, concerning the construction activities during the Parcel B remedial action.

The Navy sent a postcard mailing in August to 13,024 residential and business addresses within the carrier routes closest to HPNS. The Navy has received approximately 75 responses with requests to be added to the mailing or email distribution lists.

The Navy has bus tours scheduled for September 22, 2012. A total of 60 participants have signed up to reserve a spot on the tour. Outreach for the bus tour included following-up with all of the people who were on the waiting list for the July bus tours. The Navy made personal telephone calls and posted/distributed flyers in the Asian community. The bus tour was announced via the email distribution list and invitations were sent to everyone who responded to the postcard mailing. The Navy also had sign-up sheets and flyers at the August community meeting, artist meeting, and Coastal Cleanup Day. In addition, YCAT leafleted the residents in the nearby homeowners associations.

The October community meeting will be held at the Bayview YMCA on Wednesday, October 24, 2012. The Navy is also planning on participating in the Leland Avenue Street Fair on Saturday, October 28, 2012, to reach out to the Asian community members. Materials for the HPNS booth were translated into Chinese.

The Community Involvement Plan (CIP) Update is underway, and the interview questions and strategy are currently under development. The draft CIP Update is due to the agencies in March 2013, with a 30-day public comment period following BCT review. The final is due in June 2013. A kick-off meeting between the contractors updating the CIP and the Navy is pending. Mr. Miya asked about the schedule for the community interviews. The Navy responded that it is tentatively planning interviews later in 2012 or early 2013, but that the interviews will be fewer than for the previous CIP. In addition, some interviews will be done via phone or electronic survey. Mr. Forman added that Fort Ord is going away from community meetings and moving more toward bus tours because that is what the community is requesting. Mr. Cooper added that USEPA would like to know what works at HPNS and focus on those activities to make community involvement more successful at HPNS.

## **6.0 Action Items/Future Meetings (Keith Forman, Navy)**

- There were no new action items identified during the meeting.
- The next BCT meeting will be held on November 1, 2012, at CH2M HILL's offices in Oakland, California. Action items are included as Attachment C.

## **7.0 Parcel E Proposed Plan Story Board Meeting (Lara Urizar, Navy)**

Ms. Urizar hosted the Parcel E Proposed Plan storyboard meeting with the BCT members. The Navy posted each page of the internal draft proposed plan on the wall and asked the BCT members to mark up each page with items that need to be called out or made clearer to the public. Ms. Urizar noted that the BCT members should keep in mind that this is not the entire proposed plan and, when reviewing the pages, the BCT members should keep in mind the split between Parcel E and utility corridor (UC)-3 and how it is presented. She asked for suggestions on the risk summary pages because this information is hard to communicate. She also asked for BCT input on the groundwater remedy because the remedy is evolving with current ongoing

fieldwork. She would like to maintain some flexibility when discussing the groundwater remedy. In addition, she would like BCT feedback on the figures and, overall, how easy the proposed plan is to understand. She asked the BCT members if they want a short fact sheet for this proposed plan, like what was done for Parcel E-2. The BCT members responded that they would like to see similar fact sheets for this parcel as well.

**ATTACHMENT A****HUNTERS POINT NAVAL SHIPYARD  
MEETING ATTENDANCE SHEET**

Topic: BCT Meeting  
Location: CH2M HILL  
155 Grand Avenue  
Oakland, CA  
Date/Time: September 20, 2012 / 10:00 a.m.

Organization	Name	Phone Number	E-Mail Address	Present
Navy	Keith Forman	619-532-0913	keith.s.forman@navy.mil	X
	Melanie Kito	619-532-0787	melanie.kito@navy.mil	X
	Lara Urizar	619-532-0960	lara.urizar.ctr@navy.mil	X
	Hamide Kayaci	619-532-0930	hamide.kayaci.ctr@navy.mil	
	Chris Yantos	619-532-0952	christopher.yantos.ctr@navy.mil	X
	Simon Loli	619-532-0782	simon.loli.ctr@navy.mil	
	Laurie Lowman	757-887-7650	laurie.lowman@navy.mil	
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USEPA	Craig Cooper	415-947-4148	cooper.craig@epa.gov	X
	Jackie Lane	415-972-3236	Lane.jackie@epa.gov	X
DTSC	Ryan Miya	510-540-3775	rmiya@dtsc.gov	X
Water Board	Ross Steenson	510-622-2445	rsteenson@waterboards.ca.gov	
	Tina Low	510-622-5682	tlow@waterboards.ca.gov	X
CDPH	Jeff Wong	510-620-3423	jeff.wong@cdph.ca.gov	
	Tracy Jue	916-324-4808	tracy.jue@cdph.ca.gov	X
	Kurt Jackson			
	Larry Morgan			
	Steve Hsu	916-440-7940	steve.hsu@cdph.ca.gov	
CDFG	Charlie Huang			
	Tami Nakahara			
City of SF	Amy Brownell	415-252-3967	amy.brownell@sfdph.org	X
Treadwell and Rollo	Sigrida Reinis	415-955-9040	sreinis@treadwellrollo.com	X
	Dorinda Shipman	415-955-5262	dshipman@bwqau.com	
	Christopher Glenn	510-974-7074	cglenn@langan.com	
Geosyntec	Jeff Austin	415-218-0027	jasustin@geosyntec.com	X



Organization	Name	Phone Number	E-Mail Address	Present
BVHP/Lennar	Steve Rottenborn	408-458-3205	srottenborn@harveyecology.com	
Tech Law Inc., <i>USEPA contractor</i>	Karla Brasaemle	415-762-0566	kbrasaemle@techlawinc.com	X
	Mary Snow			
	Mark Pantoja	415-762-0565	MPantoja@techlawinc.com	
Arc Ecology	Martha Walters		rosewalt@aol.com	
BCDC	Rafael Montes	415-352-3670	<a href="mailto:rafaelm@bcdca.gov">rafaelm@bcdca.gov</a>	
<i>Navy Contractors</i>				
Tetra Tech EM, Inc.	Tim Mower	313-312-8874	tim.mower@ttemi.com	
Tetra Tech EC, Inc.	Bill Dougherty	415-216-2731	bill.dougherty@tetrattech.com	
CE2	Bruce Rucker	925-400-4586	rucker@ce2corp.com	X
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	Emily Steinkamp	510-628-9000		
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	Jeff Hess	925-946-3104	jhess@itsi.com	
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Shaw Group	Wayne Akiyama	925-288-2003	wayne.akiyama@shawgrp.com	
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	Ulrika Messer	619-241-9451	ulrika.messer@shawgrp.com	
	Steve Pierce			
Battelle	John Hardin	619-574-4827	hardinj@battelle.org	
AMEC	Alfonso Ang	415-278-2108	Alfonso.ang@amec.com	
	Jeff Fenton	707-793-3832	Jeffery.fenton@amec.com	
	Ray Hendry	303-807-4421		
PNNL	Steve Maheras			

<b>Organization</b>	<b>Name</b>	<b>Phone Number</b>	<b>E-Mail Address</b>	<b>Present</b>
Alliance	Tessa McRae	619-398-3220	tmcrae@onesullivan.com	
	Wenqian Dou	415-321-1785	wdou@onesullivan.com	
	Bob Hunt	619-672-2796	rhunt@onesullivan.com	
URS	Jerry Zimmerle	714-433-7738	jerome.zimmerle@urscorp.com	
CirclePoint	Matt Robinson	510-378-5511	m.robinson@circlepoint.com	X
Arcadis	Scott Morris	619-291-7800x21	<a href="mailto:Scott.morris@arcadis-us.com">Scott.morris@arcadis-us.com</a>	X
	Bill Beaman	510-596-9524	william.beaman@arcadis-us.com	X

# ATTACHMENT B

## HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

September 20, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
Documents Historically Reviewed									
1	C	Draft Petroleum Hydrocarbon Project Work Plan	5/18/12	7/18/12	Water Board Requested 30-day Extension			9/11/12	8/17/12
2	C	Draft Survey Unit Project Reports for Survey Units 233, 234, 237, and 239	5/30/12	7/2/12			7/2/12		
3	B	Final Petroleum Hydrocarbon Corrective Action, Quarterly Monitoring Report, Third Quarter 2011	6/1/12	n/a					
4	E	Draft Final Status Survey Results, Building 500	6/4/12	7/5/12					
5	UC-1,2	Final Remedial Action Work Plan	6/4/12	n/a					
6	E	Draft Survey Unit Project Reports for Survey Units 214, 215, 216 and 217	6/8/12	7/8/12			7/9/12		
7	E	Draft Final Status Survey Results, Former Building 529 Site	6/18/12	7/18/12					
8	E	Draft Survey Unit Project Reports for Survey Units 218, 222, 223, and 224	6/21/12	7/23/12					
9	E	Draft Final Status Survey Results, Former Building 510/510A Site	6/27/12	7/27/12					
10	B	Replacement Pages for Final Petroleum Hydrocarbon Site Closeout Report, Site-Specific Attachment for AOC 46-D Revision 1	6/29/12	n/a					

## ATTACHMENT B HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

September 20, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
11	E	Final Work Plan Addendum to the Parcel E Groundwater Treatability Study	7/9/12	n/a					
12	E-2	Final WP Ship Shielding Range	7/9/12	n/a					
13	B, D-1, G and UC-2	Final Tech Memo for Monitoring Program Optimization	7/13/12	n/a					
<b>Document Review Period Recently Completed</b>									
1	E	Draft Final Status Survey Results at Former Building 509 Site	7/9/12	8/10/12			8/10/12		
2	E-2	Final Landfill Gas Monitoring Report, April-June 2012, Post Removal Action	7/17/12	n/a					
3	B	Amendment to Revised Final Design Basis Report for Parcel B (Excluding IR Sites 7/18)	7/18/12	8/17/12		8/15/12	8/15/12	8/14/12	8/21/12
4	E-2	Final Addendum 01 to the Final Sampling And Analysis Plan, Interim Monitoring and Maintenance Program for Landfill Gas Control System	7/23/12	n/a					
5	C	Draft Final Remedial Design and Design Basis Report	7/27/12	8/27/12		8/28/12	8/31/12	8/31/12	9/5/12
6	F	Draft Tech Memo for RAD Data Gap Investigation Phase 2a	7/31/12	8/31/12					9/12/12
7	C	Draft SUPR for Survey Units 236, 238, 242, and 243	7/31/12	8/31/12			8/31/12		
8	C	Final SUPR for Survey Units 191, 193, 195 and 196	8/3/12	n/a					

## ATTACHMENT B

### HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

September 20, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
9	B	2nd Quarter 2012 O&M Inspection Report for IR Sites 7/18	8/3/12	n/a					
10	F	Final Pier Demolition Removal Action Completion Summary Report	8/6/12	n/a					
11	E	Final Parcel E Soil Excavation Characterization Work Plan	8/6/12	n/a					
12	D-1	Draft, Final Status Survey Report, Building 274	8/10/12	9/10/12			9/10/12		
13	C	Final Survey Unit Project Reports for Survey Units 197, 198, 199, and 200	8/10/12	n/a					
<b>Documents Currently Under Review</b>									
1	E-2	Annual Landfill Cap Operation and Maintenance Report for 2011-2012	8/14/12	n/a					
2	C	Final Survey Unit Project Reports for Survey Units 202, 203, 205 and 206	8/15/12	n/a					
3	B, D-1, G and UC-2	Replacement Cover Page for Final Technical Memorandum for Monitoring Program Optimization	8/17/12	n/a					
4	C	Final Survey Unit Project Reports for Survey Units 207, 208, 209, and 211	8/21/12	n/a					
5	B	Draft Operation and Maintenance Plan for Installation Restoration Sites 07 and 18	8/24/12	9/24/12				9/5/12	
6	C	Final Survey Unit Project Reports for Survey Units 210, 212, 219, and 220	8/24/12	n/a					

## ATTACHMENT B

### HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

September 20, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
7	E/E-2	Letter Documenting Boundary Change Between Parcels E and E-2	8/28/12	n/a					
8	E	Final Radiological Addendum to the FS	8/31/12	n/a					
9	E	Final Feasibility Study Report	8/31/12	n/a					
10	B, D-1, G and UC-2	Revised Draft Technical Memorandum Soil Vapor Investigation in Support of Vapor Intrusion Assessment	8/31/12	9/28/12					
11	B	Draft Remedial Action Work Plan for Parcel B (Excluding IR Sites 7/18)	9/4/12	10/4/12					
12	C	Draft Survey Unit Project Reports for Survey Units 244, 247, 302, 303, and 304	9/5/12	10/5/12					
13	C	Final Survey Unit Project Reports for Survey Units 233, 234, 237, and 239	9/7/12	n/a					
14	E	Draft Survey Unit Project Reports for Survey Units 225, 229, 230, and 235	9/12/12	10/12/12					
15	B	Draft FOST for Parcel B - IR Sites 7 and 18	9/14/12	10/15/12					
16	G	Draft Remedial Action Work Plan	9/14/12	10/29/12					
<b>Documents For Upcoming Review (next 3 months)</b>									
1	E-2	Draft Final ROD to BCT	9/24/12	30 days from submittal date	Date Tentative				

## ATTACHMENT B

### HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

September 20, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
2	E	Draft IR 03 Treatability Study Report	9/24/12	30 days from submittal date	Date Tentative				
3	C	Draft Remedial Action Work Plan for RU-C2	9/26/12	45 days from submittal date	Date Tentative				
4	B	Final Design Amendment Parcel B	10/1/12	n/a	Date Tentative				
5	B	Annual Operation and Maintenance Plan for Installation Restoration Sites 07 and 18	10/1/12	n/a	Date Tentative				
6	C	Final Remedial Design	10/9/12	n/a	Date Tentative				
7	E-2	Draft Field Summary Report for Geotechnical Investigation	10/22/12	30 days from submittal date	Date Tentative				
8	E	Draft Proposed Plan	10/26/12	30 days from submittal date	Date Tentative				
9	C	Draft Remedial Action Work Plan for RU-C1, RU-C4, RU-C5, and Building 241 Area	10/31/12	45 days from submittal date	Date Tentative				
10	F	Final Data Gap Investigation Work Plan and SAP Addendum	11/5/12	n/a	Date Tentative				
11	B	Final Remedial Action Work Plan	11/13/12	n/a	Date Tentative				
12	E-2	Final Record of Decision	11/14/12	n/a	Date Tentative				
13	G	Final Remedial Action Work Plan	11/16/12	n/a	Date Tentative				

# ATTACHMENT B

## HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

September 20, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
14	E	Draft GWTS Report Addendum	11/29/12	30 days from submittal date	Date Tentative				
15	F	Draft Final Radiological Data Gaps Investigation Tech Memo #2a	11/30/12	30 days from submittal date	Date Tentative				
16	E-2	Draft Ship Shielding Rad RACR	12/3/12	30 days from submittal date	Date Tentative				
17	B, D-1, G and UC-2	Final Soil Vapor Investigation Tech Memo	12/11/12	n/a	Date Tentative				
18	UC-1,2	Draft RACR	12/12/12	30 days from submittal date	Date Tentative				
19	E	Draft Final Proposed Plan	12/24/12	15 days from submittal date	Date Tentative				

CDPH	California Department of Public Health	RI	Remedial investigation
DTSC	Department of Toxic Substances Control	RTC	Response to comment
EPA	U.S. Environmental Protection Agency	SF	San Francisco
FOSL	Finding of suitability to lease	TCRA	Time critical removal action
FOST	Finding of suitability to transfer	TPH	Total petroleum hydrocarbon
FS	Feasibility study	Water Board	San Francisco Bay Regional Water Quality Control Board
FSS	Final Status Survey		
n/a	Not applicable		



**ATTACHMENT C****HUNTERS POINT NAVAL SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM ACTION ITEMS**

Item No.	Action Item	Person Authoring the Action Item	Due Date	Person/Agency Committing to Action Item	Resolution Status
<b>Ongoing Action Items</b>					
1	Mr. Cooper would like to see the data points where the Navy found low-level cesium detections in the utility corridor investigation along the Gun Mole Pier.	Navy		Navy	Completed
2	The Navy will submit a letter to the regulatory agencies documenting the new Parcel boundary between Parcel E and E-2.	Navy		Navy	Completed